



Mod-0032.ST25
SEQUENCE LISTING

<110> Jarrell, et al., Kevin

<120> Modular Vector Systems

<130> 2003320-0032

<140> 09/910,354

<141> 2001-07-20

<160> 24

<170> PatentIn version 3.2

<210> 1

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer EV-1 for amplification of a vector fragment containing bacterial origin of replication, Lac I gene, and pT7 promoter.

<400> 1

cauggtatat ctccttctta aag

23

<210> 2

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer EV-2 for amplification of a vector fragment containing bacterial origin of replication, Lac I gene, and pT7 promoter.

<400> 2

cucatgacca aaatccctta ac

22

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer EV-3 for amplification of a vector fragment containing Amp gene.

<400> 3

gagattatca aaaaggatct tc

22

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer EV-4 for amplification of a vector fragment containing Amp gene.

<400> 4

uaactagcat aaccccttgg

20

Mod-0032.ST25

<210> 5
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 5' Lac Z for amplification of an insert fragment containing Lac Z gene.

<400> 5
 augaccatga ttacgccaac g 21

<210> 6
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 3' Lac Z for amplification of an insert fragment containing Lac Z gene.

<400> 6
 uuacaatttc cattcgccat tc 22

<210> 7
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 5' OST for amplifying an Ori fragment from pET 19 b.

<400> 7
 ctgctaagtg agcucgacag atcgctgaga taggtgc 37

<210> 8
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1N 3' Ori(s) for amplifying an Ori fragment from pET 19b.

<400> 8
 aagcttgcta agtagggcgt ttttccatag gctccg 36

<210> 9
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT5' KAN for amplifying a fragment containing the kanamycin resistance gene from pCR2.1 topo.

<400> 9
 ctacctagca agctuctatc tggacaaggg aaaacg 36

<210> 10
 <211> 41
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer T7 3'KAN for amplifying a fragment containing the kanamycin resistance gene from pCR2.1 topo.

<400> 10
 ccctatagtg agtcgtatta aggcgaaaac tctcaaggat c 41

<210> 11
 <211> 42
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer tcs1 for amplifying a fragment containing the luciferase gene from pG1 II basic.

<400> 11
 ttaatacgac tcactatagg gatggaagac gccaaaaaca ta 42

<210> 12
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer tcs8 for amplifying a fragment containing the luciferase gene from pG1 II basic.

<400> 12
 gagctcactt agcagttaca atttggactt tccgcc 36

<210> 13
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer INT 5'KAN for amplifying a fragment containing the kanamycin resistance gene from pCR 2.1 topo.

<400> 13
 ctacctagca agctuctatc tggacaaggg aaaacg 36

<210> 14
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer INT 3'KAN for amplifying a fragment containing the kanamycin resistance gene from pCR 2.1 topo.

<400> 14
 gagctcactt agcaaggcga aaactctcaa gga 33

<210> 15
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT5' Ori for amplifying a fragment containing the Ori from pET 19b.

<400> 15
 ttgctaagtg agcucgacag atcgctgaga taggtgc 37

<210> 16
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1N3'Ori(s) for amplifying a fragment containing the Ori from pET 19b

<400> 16
 aagcttgcta agtagggcgt ttttccatag gctccg 36

<210> 17
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 3nt 5'OST for amplifying an Ori fragment.

<400> 17
 ctgctaagtg agcucgacag atcgctgaga taggtgc 37

<210> 18
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 3nt 5'OST for amplifying an Ori fragment.

<400> 18
 aagcttgcta gguaggctac gtcttgctgg cgttcg 36

<210> 19
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 3nt 5'KHT for amplifying a KAN fragment.

<400> 19

ctacctagca agcuuctatc tggacaaggg aaaacg 36

<210> 20
 <211> 35
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 3nt 3'KST for amplifying an Ori(s) fragment.

<400> 20
 gagctcactt agcagggcga aaactctcaa ggatc 35

<210> 21
 <211> 37
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT 5'ORI for amplifying an Ori(s) fragment.

<400> 21
 ttgctaagtg agctcgacag atcgctgaga taggtgc 37

<210> 22
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT3' Ori(s) for amplifying an Ori(s) fragment.

<400> 22
 aagcttgcta ggtagggcgt ttttccatag gctccg 36

<210> 23
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT 5'KAN for amplifying an KAN fragment.

<400> 23
 ctacctagca agctuctatc tggacaaggg aaaacg 36

<210> 24
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PCR primer 1NT3'KAN for amplifying an Ori(s).

<400> 24
 gagctcactt agcaaggcga aaactctcaa ggac 33